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Ontario Forest Industry Statistical Reports for 1988

Mill Licence Returns Summary
Bark and Wood Residues Production and Consumption
Interprovincial and International Trade in Wood Products

This publication is also available in French.

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Minister

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SYNOPSES

Report on the 1988 Mill Licence Returns

* The total number of licenced roundwood-using mills in Ontario decreased from 684 in 1987 to 665 in 1988. Structurally, the majority of this decline was in small capacity sawmills (40), medium capacity sawmills (6), and veneer plants (2). Increases were noted in specialty mills (26), large sawmills (1), particleboard or waferboard mills (1), and fuelwood plants (1).

* Total roundwood receipts by all mills decreased by 0.6% to 24.6 million m3 compared to 1987. Sawlog and veneer log receipts were up by 3.8% to 12.7 million m3, while pulpwood and miscellaneous roundwood mill receipts decreased by 4.9 % to 12.0 million m3.

* Total lumber production increased by 1.4% from 1987 with a total of 5.28 million m3 of lumber being produced (5.21 million m3 in 1987).

  - Softwood lumber production continued its recovery from 1982's low level with 4.67 million m3 being sawn, an increase of 4.4% over 1987. The increase was comprised of spruce, balsam, and jack pine (up 0.13 million m3; 3.4%), other softwoods (up 0.05 million m3; 340.1%) and red and white pine (up 0.02 million m3; 4.2%). Hemlock lumber production decreased by 6.7%.

  - Hardwood lumber production decreased by 12.1% to 0.62 million m3 compared to 1987. The largest decrease in production was noted in other hardwood lumber with a 34.3% increase from 1987. Maple, birch and poplar exhibited production increases of over 10%, while mixed hardwood lumber production increased by 9.7%.

* Provincial production of all panelboard products decreased in 1988 as compared to 1987. The largest decreases were observed in veneer (down 21.8% to 93,185 m3), particleboard (down 19.0% to 299,703 m3) and waferboard (down 12.2% to 470,884 m3). Plywood had a marginal increase (up 4.2% to 134,810 m3) in 1988.

* Total pulp production in the Province increased slightly (up 1.5%) from 1987 to 4.23 million tonnes. Increases in groundwood (up 3.6%) and sulphate (up 8.1%) pulp production were offset by decreases in thermo-mechanical and other pulp (down 20.8%) and sulphite pulp (down 5.7%).

* Ontario's total production of paper and paperboard increased to 3.36 million tonnes (up 1.3% from 3.32 million tonnes in 1987). While other paper and paperboards decreased (down 8.0%), increases were experienced in groundwood specialty papers (up 5.4%), fine papers (up 3.1%), and newsprint (up 2.7%).

Report on the 1988 Bark and Wood Residues Production and Consumption

* During 1988, pulpchip production increased to its highest level ever to a total production of 6.56 million m3 (2.47 million bone dry metric tonnes), 3.3% greater than in 1987.

* The volume of pulpchip shipments increased by 271,422 m3 (102,327 b.d.m.t.), or 4.3% above the previous year to 6.56 million m3 (2.47 million b.d.m.t.).

* The number of pulpchip producers in Ontario was 96 with an average output during the year of 68,368 m3 (25,755 b.d.m.t.), up 2.2% from the average mill production of 66,894 m3 (25,219 b.d.m.t.) in 1987. The 18 Ontario pulp mills which consumed pulpchips used 313,515 m3 (118,196 b.d.m.t.) on average per mill, with the 9 pulp mills which used at least 240,690 m3 (100,000 b.d.m.t.) accounting for 86.5% of the Ontario pulp mill pulpchip consumption.

* The regional distribution of Ontario pulpchip production and consumption indicates the following:
  - the Northwestern and North Central regions produced 28.1% of the Province's pulpchips, yet consumed 48.3% of the shipments;
  - the Northern and Northeastern regions' mills produced 63.5% and utilized 34.5%; and
  - the four southern OMNR regions produced 9.1%, but used only 3.3; while Quebec mills consumed 12.2% and mills in the United States received 1.5%.

* Estimated planer shavings production was 495,173 m3 (186,682 b.d.m.t.), with 50.4% being used industrially, 4.9% agriculturally or in landscaping, and 30.5% for internal mill fuel consumption, leaving 14.1% unutilized.

* Estimated sawmill sawdust production was 1,076,190 m3 (405,727 b.d.m.t.), with 16.5% being used industrially, 8.6 % agriculturally or in landscaping, and 44.3% for internal mill fuel consumption, leaving 30.6% unutilized.

* Estimated forest industry bark production was 1,953,839 m3 (736,603 b.d.m.t.), with 2.5% being used industrially, 2.8% agriculturally or in landscaping, and 58.5% for internal mill fuel consumption, leaving 35.8% unutilized.

* Estimated hog fuel production was 2,623,918 m3 (989,225 b.d.m.t.), with 3.1% being used industrially, 0.5% agriculturally or in landscaping, and 87.6% for internal mill fuel consumption, leaving 5.6% unutilized.

Report on the 1988 Interprovincial and International Trade in Wood and Wood Products

VOLUME OF TRADE

* Shipments of roundwood and wood residues into Ontario were 0.97 million m3, a decrease of 0.02 million m3 or 2.0% from 1987. Shipments were down from Quebec, (down less than 0.01 million m3 or 0.4%) and the United States (down 0.02 million m3 or 4.2%) while shipments from Manitoba increased slightly (up less than 0.01 million m3 or 4.2%). The United States remained in its role as the leading source of wood for Ontario with Quebec second and Manitoba third. These were the only sources of shipments into Ontario in 1988.

* Shipments of roundwood and wood residues out of Ontario were 1.42 million m3, an increase of 0.09 million m3 or 7.1% from 1987. Shipments of Crown land-derived wood increased by 0.11 million m3 or 12.2%; those of patent land-derived wood decreased by 0.02 million m3 or 4.9%. Shipments increased to the United States by 0.16 million m3 or 122.4%, but decreased to the Province of Quebec by 0.07 million m3 or 5.5%.

* 1988 shipments into Ontario consisted of:
  - 45.0% conifers and 55.0% hardwoods; and
  - 53.3% pulpwood, 32.3% logs and bolts, and only 14.4% whole-tree woodchips and other wood residues.

* 1988 shipments out of Ontario consisted of:
  - 70.8% conifers and 29.2% hardwoods; and
  - 12.2% pulpwood, 9.2% logs and bolts, and 78.6% whole-tree woodchips and other wood residues; and
  - 73.5% Crown land-derived wood and 26.5% patent land-derived wood.

* In terms of general historic trends, Ontario continued its move away from positive net wood receipts during 1988 with a deficit of some 0.45 million m3; or 0.97 million m3 inbound versus 1.43 million m3 outbound.

* On a commodity basis, Ontario is:
  - a large, net importer of pulpwood both coniferous and hardwood species; 0.17 million m3 shipped out of Ontario and 0.52 million m3 of pulpwood received.

  - a large, net importer of sawlogs and veneer bolts; 0.13 million m3 shipped out and 0.31 million m3 shipped in. Slightly more hardwood than conifer was imported, while conifer shipments out were much greater than hardwood.

  - a large, net exporter of whole-tree woodchips and other wood residues; 1.12 million m3 shipped out, and only 0.14 million m3 shipped in.

  - in a wood trade deficit with the province of Quebec, having sent 1.13 million m3 and receiving 0.28 million m3 of wood during 1988. Predominantly, Ontario received conifer logs and bolts, hardwood pulpwood, and hardwood whole-tree wood chips and other wood residues from Quebec, while sending mostly Crown land-derived whole-tree woodchips and other wood residues of both species groups, patent land-derived whole-tree woodchips and other wood residues of both species groups, and Crown land derived conifer logs and bolts.

  - a moderate net importer of wood from the United States with 0.56 million m3 received and 0.30 million m3 sent. The imports were primarily conifer and hardwood pulpwood, and hardwood logs and bolts. Exported, principally, were Crown land-derived conifer whole-tree wood chips and other wood residues.

  - a moderate net importer of wood from the Province of Manitoba with 0.12 million m3 of wood entering Ontario and no wood going westward across the border. Receipts were mainly in the form of conifer pulpwood.

DOLLAR VALUE OF TRADE

* During 1988, Ontario exported $67.4 billion worth of all materials and products, while importing $82.8 billion worth for a net international trade deficit of $15.4 billion.

* In a provincial context, wood and wood products accounted for 6.0% of all Ontario exports and only 1.8% of all Ontario imports.

* Ontario exported $4.05 billion worth of wood and wood products during 1988, while importing $1.47 billion worth, for a provincial/national trade surplus of $2.58 billion in wood and wood products.

* The primary wood and wood products exports from Ontario, ranked by value, were Paper for Printing, mainly newsprint ($1,951 million; 2.62 million tonnes), Wood Pulp and Similar Pulp ($878 million; 1.11 million tonnes), Lumber and Timbers ($553 million; 4.71 million m3 or 2.00 billion f.b.m.), Converted Paper ($184 million), and Other Fabricated Wood Materials ($111 million).

* The principal wood and wood products imports into Ontario, ranked by value, were Paper for Printing, mainly newsprint ($293 million; 0.25 million tonnes), Lumber and Timbers ($260 million: 0.64 million m3 or 0.27 billion f.b.m.), Converted Paper ($189 million), Fine Paper ($108 million; 0.11 million tonnes), and Other Fabricated Wood Materials ($106 million).

REPORT ON THE 1988
MILL LICENCE RETURNS

MILL OPERATIONS LICENCED, 1988

Districts and Regions	No. of Mill Operations Licenced, By Classification								Totals
	A	B	C	D	E	F	G	H	
Dryden		1	11		1				13
Fort Frances	2	1	23	2					28
Ignace					1				1
Kenora	3	1	12	3	1				20
Red Lake				2					2
Sioux Lookout			7		1				8
NORTHWESTERN	5	3	53	7	4	0	0	0	72
Atikokan	1				2		1		4
Geraldton			3			1	1		5
Nipigon		1	9			1			11
Terrace Bay	1	2							3
Thunder Bay	2	4	21	4	5		1		37
NORTH CENTRAL	4	7	33	4	7	2	3	0	60
Chapleau	2		2		4				8
Cochrane		2	4		1				8
Gogama			2		1				3
Hearst					4	1	1		6
Kapuskasing	1	1	5	1	1				9
Kirkland Lake			17	5	2		1		25
Timmins			2	3	2		1		8
NORTHERN	3	3	32	9	15	2	3	0	67
Blind River			6	1	1	2			10
Espanola		1	16		1				18
North Bay	3	2	20	5	3	1			34
Sault Ste. Marie		1	15	4	2	3			25
Sudbury			17	6	1				24
Temagami					1		1		2
Wawa	1		2		3				6
NORTHEASTERN	4	4	76	16	12	6	1	0	119
Algonquin Park					2				2
Bancroft			14	1	4				19
Bracebridge	1		14		1				16
Minden	1		12	1		1			15
Parry Sound	3		4	2					9
Pembroke			48	7	3	2			60
ALGONQUIN	5	0	92	11	10	3	0	0	121

(Continued on next page)

Districts and Regions	No. of Mill Operations Licenced By Classification								Totals
	A	B	C	D	E	F	G	H	
Brockville	2		27						29
Carleton Place	3		25	2					30
Cornwall		1	5	2					8
Napanee		1	4	1					6
Tweed			19			1			20
EASTERN	5	2	80	5	0	1	0	0	93
Cambridge	1		20	1	2				24
Huronia	8		10						18
Lindsay	1		15					1	17
Maple	1		3		2				6
Niagara		1	9						10
CENTRAL	11	1	57	1	4	0	0	1	75
Aylmer			9						9
Chatham			14						14
Owen Sound			10	2	1	2			15
Simcoe			6	2					8
Wingham			11	1					12
SOUTHWESTERN	0	0	50	5	1	2	0	0	58
TOTAL ONTARIO 1988	37	20	473	58	53	16	7	1	665
TOTAL ONTARIO 1987	11	20	513	64	52	18	6	0	684
TOTAL ONTARIO 1986	35	20	600	74	53	18	8	-	808
TOTAL ONTARIO 1985	30	20	611	69	53	19	8	-	810
TOTAL ONTARIO 1984	45	20	599	72	55	21	7	-	819

Legend (Mills classified by type of major product and capacity per eight-hour shift)

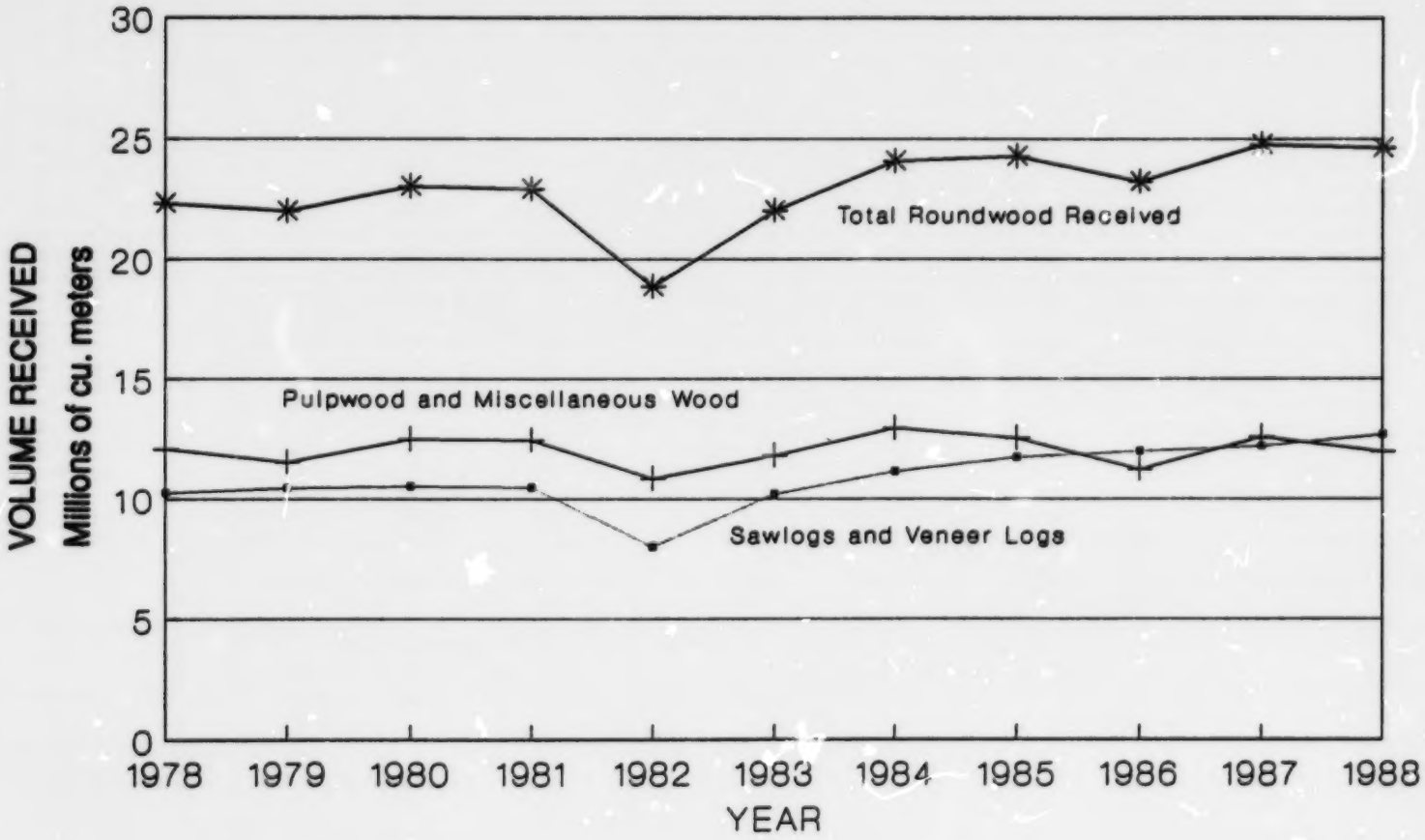
- A Specialty Mills - Laths, pickets, shingles, staves, ties, etc.
- B Pulp - Any quantity
- C Lumber - Up to 25 m^3
- D Lumber - From 25 m^3 to 120 m^3
- E Lumber - Over 120 m^3
- F Veneer - Any Quantity
- G Particleboard or Waferboard - Any Quantity
- H Fuelwood - More than 25 m^3 (not classified prior to 1987)

VOLUMES OF ROUNDWOOD RECEIVED IN 1988 AS REPORTED BY LICENSED MILLS

Regions	Sawlogs & Veneer Logs (cubic metres)				Pulpwood & Miscellaneous (cubic metres)				
	Crown	Patent	Out of Province	Sub-Total	Crown	Patent	Out of Province	Sub-Total	Total Roundwood
Northwestern Region	848,257	60,431	3,618	912,306	2,572,907	241,040	152,377	2,966,324	3,878,630
North Central Region	2,281,840	174,025	20,249	2,476,114	5,200,425	352,609	78,163	5,631,197	8,107,311
Northern Region	3,981,284	206,659	665	4,188,608	1,627,754	90,459	—	1,718,213	5,906,821
Northeastern Region	2,604,564	316,264	53,327	2,974,155	731,958	197,655	32,964	962,577	3,936,732
Algonquin Region	810,653	478,792	126,234	1,415,679	—	—	—	—	1,415,679
Eastern Region	22,230	104,710	73,507	200,447	39,528	189,174	254,876	483,578	684,025
Central Region	443	155,173	11,246	166,862	183,244	9,614	—	192,858	359,720
Southwestern Region	—	293,924	33,937	327,861	—	—	—	—	327,861
Total Ontario 1988	10,549,271	1,789,978	322,783	12,662,032	10,355,816	1,080,551	518,380	11,954,747	24,616,779
Total Ontario 1987	10,014,319	1,818,388	361,064	12,193,771	10,871,848	1,157,147	543,708	12,572,703	24,766,474
Total Ontario 1986	9,911,822	1,675,085	406,572	11,993,479	9,204,899	1,430,321	597,928	11,233,148	23,226,627
Total Ontario 1985	9,620,670	1,705,638	408,878	11,735,186	10,534,844	1,099,890	906,754	12,541,488	24,276,674
Total Ontario 1984	9,109,267	1,699,120	335,662	11,144,049	10,929,310	1,197,296	811,656	12,938,262	24,082,311
Total 1988 (cunits)	3,725,472	632,130	113,991	4,471,593	3,657,154	381,596	183,066	4,221,816	8,693,409

1978 - 1988

VOLUME OF ROUNDWOOD RECEIVED



(As reported by licensed mills)

REPORTED PRODUCTION OF ONTARIO SAWMILLS, 1988
(thousands of cubic metres)

Regions	Softwood					Hardwood							Total Lumber – All Species	Ties Timbers, etc.
	Spruce Balsam & Jack Pine	Red & White Pine	Hemlock	Other Softwoods	Total Softwoods	Birch	Oak	Maple	Poplar	Other Hardwoods	Mixed Hardwoods	Total Hardwoods		
Northwestern Region	390.40	27.04	—	0.51	417.95	0.11	—	—	0.37	0.43	—	0.91	418.86	3.67
North Central Region	924.66	21.77	—	1.27	947.70	3.09	—	—	0.33	—	—	3.42	951.12	8.39
Northern Region	1,634.37	22.15	—	49.10	1,705.62	0.85	—	—	12.79	—	—	13.64	1,719.26	10.27
Northeastern Region	932.12	231.07	6.91	0.71	1,170.81	24.11	5.14	55.38	2.31	3.87	4.90	95.71	1,266.52	15.58
Algonquin Region	45.48	274.51	49.54	7.46	376.99	28.74	17.73	113.69	48.28	45.00	6.00	259.44	636.43	5.94
Eastern Region	2.63	15.44	2.47	4.32	24.86	3.71	10.09	27.72	4.11	19.16	0.46	65.45	90.31	0.54
Central Region	0.66	14.52	2.78	0.32	18.28	0.34	9.65	8.59	1.79	6.60	16.11	43.08	61.36	14.84
Southwestern Region	0.52	3.35	1.10	0.35	5.32	0.14	16.81	55.31	3.78	21.88	35.93	133.85	139.17	4.75
Total Ontario 1988	3,930.84	609.85	62.80	64.04	4,667.53	61.09	59.42	260.69	73.76	97.14	63.40	615.50	5,283.03	63.98
Total Ontario 1988 (millions of fbm)	1,665.85	258.45	26.61	27.14	1,978.05	25.89	25.18	110.48	31.24	41.17	26.87	260.84	2,238.89	27.11

NOTE: Entries may not add due to rounding

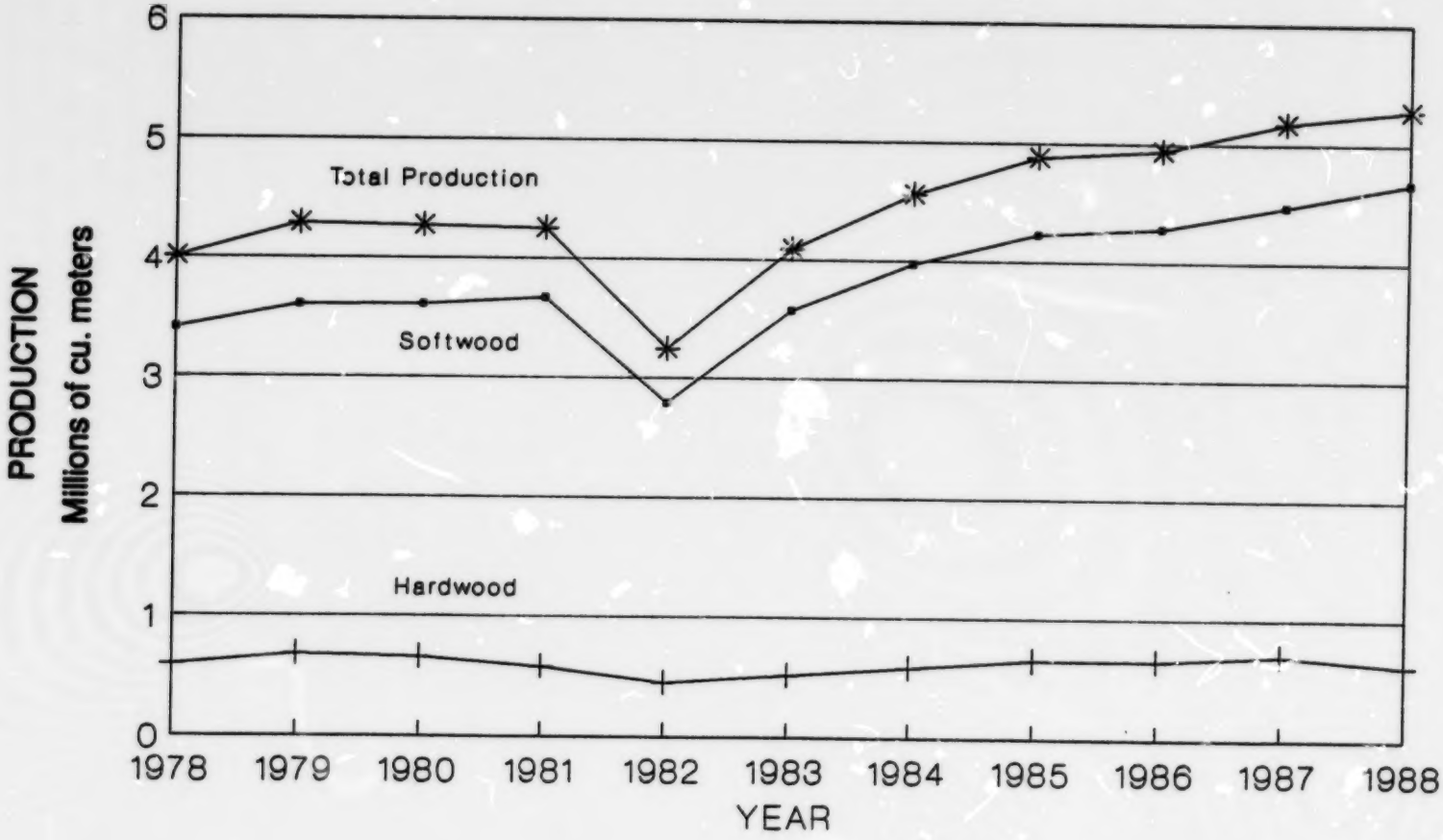
REPORTED PRODUCTION OF ONTARIO SAWMILLS, 1984-88
(thousands of cubic metres)

	Softwood					Hardwood								
Regions	Spruce Balsam & Jack Pine	Red & White Pine	Hemlock	Other Softwoods	Total Softwoods	Birch	Oak	Maple	Poplar	Other Hardwoods	Mixed Hardwoods	Total Hardwoods	Total Lumber - All Species	Ties Timbers, etc.
TOTAL ONTARIO 1988	3,930.83	609.85	62.80	64.04	4,667.53	61.09	59.42	260.69	73.76	97.14	63.40	615.50	5,283.03	63.97
TOTAL ONTARIO 1987	3,803.17	585.15	67.29	14.55	4,470.16	78.93	62.51	299.58	90.75	147.88	57.82	737.47	5,207.63	50.76
TOTAL ONTARIO 1986	3,629.74	586.74	51.79	14.45	4,285.72	64.00	75.66	276.57	89.39	95.28	51.60	652.50	4,938.22	79.20
TOTAL ONTARIO 1985	3,625.51	540.99	48.45	14.05	4,229.00	76.66	51.33	258.41	98.61	87.26	79.51	651.78	4,880.78	83.98
TOTAL ONTARIO 1984	3,335.83	566.07	48.17	79.96	88.14	48.92	586.17	4,558.39	22.15	3,972.22	71.23	51.79	246.13	73.15
TOTAL ONTARIO 1988 (millions of fbm)	1,665.85	258.45	26.62	27.14	1,978.05	25.89	21.95	110.48	31.26	44.39	26.87	260.84	2,238.90	27.11

NOTE: Entries may not add due to rounding

1978 - 88

REPORTED PRODUCTION OF ONTARIO SAWMILLS



REPORTED LUMBER PRODUCING SAWMILLS IN ONTARIO, 1988

Regions and Districts	Mill Licensee*	Location
NORTHWESTERN REGION		
Dryden	Canadian Pacific Forest Prod. Ltd.	Dryden
Fort Frances	Manitou Lumber Company	Emo
	Nickel Lake Lumber	Fort Frances
Ignace	R.W. Kangas Limited	Ignace
Kenora	Trilake Timber Company Limited	Kenora
Red Lake	Skookum Bay Logging Limited	Red Lake
Sioux Lookout	McKenzie Forest Products Inc.	Hudson
NORTH CENTRAL REGION		
Atikokan	Foothills Timber Limited	Atikokan
	McKenzie Forest Products Inc.	Sapawe
Thunder Bay	Canadian Pacific Forest Prod. Ltd.	Thunder Bay
	Great West Timber Limited	Thunder Bay
	Northern Wood Preservers Inc.	Thunder Bay
	Port Arthur Lumber & Planing Ltd.	Thunder Bay
	Kakabeka Timber Limited	Kakabeka Falls
	Inwood Forest Products Limited	Upsala
NORTHERN REGION		
Chapleau	Chapleau Forest Products Limited	Chapleau
	A. & L. Lafreniere Lumber Limited	Chapleau
	J.E. Martel & Sons Lumber Limited	Chapleau
	Pineal Lake Lumber Company Limited	Pineal Lake
Cochrane	Normick Perron Inc.	Cochrane
Gogama	Quebec & Ontario Paper Company Ltd.	Ostram Siding
Hearst	Olav Haavaldsrud Timber Company Ltd.	Hornepayne
	Custom Sawmill (Hearst) Limited	Hearst
	United Sawmill Limited	Hearst
	Lecours Lumber Company Limited	Calstock
Kapuskasing	Isabelle Brothers Limited	Opasatika
Kirkland Lake	Elk Lake Planing Mill Limited	Elk Lake
	Elk Lake Planing Mill Limited	Englehart
	Cheminis Lumber Limited	Kearns
	Normick Perron Inc.	Kenogami Lake
Timmins	Caron Holding Limited	Timmins
	E.B. Eddy Forest Products Limited	Timmins
	Malette Inc.	Timmins

REPORTED LUMBER PRODUCING SAWMILLS IN ONTARIO, 1988

Regions and Districts	Mill Licensee*	Location
NORTHEASTERN		
Blind River	Lajambe Forest Products Limited	Thessalon
	Midway Lumber Mills Limited	Thessalon
Espanola	E.B. Eddy Forest Products Limited	Nairn Centre
North Bay	Field Lumber (1956) Limited	Field
	G.W. Martin Lumber Limited	Mattawa
	Goulard Lumber (1971) Limited	Sturgeon Falls
	L. Brun Company Limited	Field
	Hampel-Gibson Forest Products Ltd.	North Bay
	Giroux & Vezina Limited	Field
	Odorizzi Lumber Company Limited	Golden Valley
Sault Ste. Marie	Lajambe Forest Products Limited GR	Garden River
	G.W. Martin Veneer Limited	Sault Ste. Marie
	Lajambe Forest Products Limited	Heyden
	G.W. Martin Veneer Limited	Searchmont
Sudbury	Falconbridge Limited	Falconbridge
	Isidore Roy Limited	Hagar
	R. Fryer Forest Products Limited	Monetville
	H. & R. Chartrand Lumber Limited	Noelville
	Lahaie Lumber Limited	Alban
	G.W. Martin Forest Products Ltd.	Alban
Temagami	William Milne & Sons Limited	Temagami
Wawa	Domtar Inc. White River	White River
	Dubreuil Brothers Limited	Dubreuilville
ALGONQUIN REGION		
Algonquin Park	McRae Mill Limited	Whitney
	Murray Brothers Lumber Company Ltd.	Madawaska
Bancroft	G.W. Martin Lumber Limited	Harcourt
	Freymond Lumber Limited	Bancroft
	Jan Lumber Company Limited	L'Amable
	Jan forest Products Limited	L'Amable
Bracebridge	G.W. Martin Lumber Limited	Hunstville
	Lajambe Forest Products Limited	Sundridge
Minden	M.W. Hunter Lumber Limited	Gooderham
Parry Sound	Roy's Lumber & Mining Timber Ltd.	Britt
	Jamot Lumber Company Limited	Pakesley
Pembroke	Consolidated-Bathgurst Inc.	Braeside
	Lavern Heideman & Sons Limited	Eganville
	Shaw Lumber	Eganville
	Ben Hokum & Sons Limited	Killaloe
	Gulick Forest Products Limited	Palmer Rapids
	Thomas J. Neuman Limited	Palmer Rapids
	George Stein Limited	Palmer Rapids
	Dament & Charles Lumber Mnfg. Ltd.	Pembroke
	Hogan Lake Timber (1976) Limited	Pembroke

REPORTED LUMBER PRODUCING SAWMILLS IN ONTARIO, 1988

Regions and Districts	Mill Licensee*	Location
EASTERN REGION		
Carleton Place	O.E. Rothwell Lumber Company Ltd.	Lanark
	M.J. Umpherson Lumber Com	Lanark
Cornwall	Ken MacLennan Saw Mill Limited	Dalkeith
	Albert Larocque Lumber Limited	Hawkesbury
Napanee	Chislom's (Roslin) Limited	Roslin
CENTRAL REGION		
Cambridge	Edgewood Lumber Limited	Hawkesville
	W.G. Hallman Lumber Limited	Petersburg
	Cherry Forest Products Limited	Guelph
	Parkinson's Saw Mill Limited	Guelph
Huronia (Barrie)	Maurice Miller Lumber Limited	Barrie
Maple	M.G. Slater Lumber	Gormley
	Brouwer Wood Products	Keswick
SOUTHWESTERN		
Aylmer	Shelley's Sawmill Inc.	Wallacetown
Chatham	George Coultis & Son Limited	Thedford
	All-Weather Wood Products Limited	Watford
Owen Sound	RKM Wood Products Limited	Tiverton
	Klemmer Lumber Limited	Elmwood
	Gordon McNabb Pallet Manufacturing	Hepworth
	W.G. Hallman Lumber Limited	Walter's Falls
Simcoe	Henry Engeneski Lumber Limited	Scotland
	Porter Lumber Limited	Port Dover
	Townsend Lumber Inc.	Tillsonburg
	Arnold Hanson & sons Logging Ltd.	Langton
Wingham	Craig Hardwoods Limited	Auburn
	John Shetler	Lucknow
	J.H. Keeso & Sons Limited	Listowel
	R.J. Dungey & Sons Limited	Mitchell
	B.E. Grein Lumber Limited	Clifford

* Mills producing 2,400 cubic metres and more of lumber.

ONTARIO SAWMILLS RANKED IN ORDER OF 1988 LUMBER PRODUCTION

Rank*	Mill Licensee	Location	Region
1. (1)	E.B. Eddy Forest Products Limited	Nairn Centre	Northeastern
2. (2)	Great West Timber Limited	Thunder Bay	North Central
3. (3)	Northern Wood Preservers Inc.	Thunder Bay	North Central
4. (7)	Custom Sawmill (Hearst) Limited	Hearst	Northern
5. (5)	Malette Inc.	Timmins	Northern
6. (4)	Dubreuil Brothers Limited	Dubreuilville	Northeastern
7. (6)	McKenzie Forest Products Inc.	Hudson	Northwestern
8. (9)	United Sawmill Limited	Hearst	Northern
9. (16)	Domtar Inc	White River	Northeastern
10. (13)	Canadian Pacific Forest Prod. Ltd.	Thunder Bay	North Central
11. (11)	McKenzie Forest Products Inc.	Sapawe	North Central
12. (8)	Normick Perron Inc.	Cochrane	Northern
13. (10)	Elk Lake Planing Mill Limited	Elk Lake	Northern
14. (12)	Canadian Pacific Forest Prod. Ltd.	Dryden	Northwestern
15. (14)	Normick Perron Inc.	Kenogami Lake	Northern
16. (17)	Murray Brothers Lumber Co. Ltd.	Madawaska	Algonquin
17. (19)	Lecours Lumber Company Limited	Calstock	Northern
18. (15)	Consolidated-Bathurst Inc.	Braeside	Algonquin
19. (20)	A. & L. Lafreniere Lumber Limited	Chapleau	Northern
20. (18)	E.B. Eddy Forest Products Limited	Timmins	Northern
21. (22)	J.E. Martel & Sons Lumber Limited	Chapleau	Northern
22. (26)	G.W. Martin Veneer Limited	Sault Ste. Marie	Northeastern
23. (25)	Chapleau Forest Products Limited	Chapleau	Northern
24. (24)	G. W. Martin Lumber Limited	Harcourt	Algonquin
25. (28)	G. W. Martin Forest Products Limited	Alban	Northeastern
26. (32)	McRae Mills Limited	Whitney	Algonquin
27. (31)	Midway Lumber Mills Limited	Thessalon	Northeastern
28. (-)	Olav Haavaldsrud Timber Company Ltd.	Hornepayne	Northern
29. (30)	G.W. Martin Lumber Limited	Mattawa	Northeastern
30. (38)	Ben Hokum & Sons Limited	Killaloe	Algonquin
31. (37)	G.W. Martin Veneer Limited	Searchmont	Northeastern
32. (29)	Isabelle Brothers Limited	Opasatika	Northern
33. (36)	William Milne & Sons Limited	Temagami	Northeastern
34. (-)	Hogan Lake Timber (1976)	Pembroke	Algonquin
35. (34)	G.W. Martin Lumber Limited	Huntsville	Algonquin
36. (33)	Jan Forest Products Limited	L'Amable	Algonquin
37. (27)	Jan Lumber Company Limited	L'Amable	Algonquin
38. (-)	Townsend Lumber Inc.	Tillsonburg	Southwestern
39. (-)	Albert Larocque Lumber Limited	Hawkesbury	Eastern
40. (-)	Shaw Lumber	Eganville	Algonquin

*NOTE: Number within parenthesis denotes 1987 ranking.

ONTARIO PANELBOARD PRODUCTION, 1983-1988

(cubic metres)

Product	1983	1984	1985	1986	1987	1988	Mft^2 5/8" basis 1988
Veneer	139,967	147,135	116,272	117,544	119,208	93,185	63,179
Plywood	99,814	105,425	97,897	120,961	129,342	134,810	91,401
Particleboard	256,207	235,453	310,152	337,254	369,917	299,703	203,197
Waferboard	460,195	557,377	542,579	532,000	536,396	470,884	319,257
Total*	816,216	898,255	950,628	990,215	1,035,655	905,397	613,855

* Total panelboard production figures do not include veneer.

ONTARIO PANELBOARD PRODUCERS, 1988

Producer	Location	District
Veneer		
Birchland Veneer Ltd.	Thessalon	Blind River
Canada Veneers Ltd.	Pembroke	Pembroke
Eddy Match Company Ltd.	Pembroke	Pembroke
Interforest Ltd.	Durham	Owen Sound
G.W. Martin Veneer Ltd.	Rutherglen	North Bay
G.W. Martin Veneer Ltd.	Sault Ste. Marie	Sault Ste. Marie
G.W. Martin Veneer Ltd.	Searchmont	Sault Ste. Marie
G.W. Martin Veneer Ltd.	Tweed	Tweed
Oakville Wood Specialties Ltd.	Oakville	Cambridge
Pannill Veneer Company Ltd.	Kitchener	Cambridge
Superior Hardwood Veneers Ltd.	Sault Ste. Marie	Sault Ste. Marie
Wilberforce Veneer & Lumber Co. Ltd.	Wilberforce	Wilberforce
Plywood		
Levesque Plywood Ltd.	Hearst	Hearst
Macmillan Bloedel Ltd.	Nipigon	Nipigon
Normick Perron Inc.	Cochrane	Cochrane
Weldwood of Canada Ltd.	Longlac	Geraldton
Particleboard - Interior Grade		
Domtar Inc.	Huntsville	Bracebridge
Levesque Plywood Ltd.	Hearst	Hearst
Malette Inc.	Timmins	Timmins
Proboard Ltd.	Atikokan	Atikokan
Rexwood Products Ltd.	New Liskeard	Temagami
Waferboard - Exterior Grade		
Grant Waferboard	Englehart	Kirkland Lake
Macmillan Bloedel Ltd.	Thunder Bay	Thunder Bay
Malette Inc.	Timmins	Timmins
Weldwood of Canada Ltd.	Longlac	Geraldton

PRODUCTION OF ONTARIO PULP AND PAPER MILLS, 1984-1988

(metric tonnes)

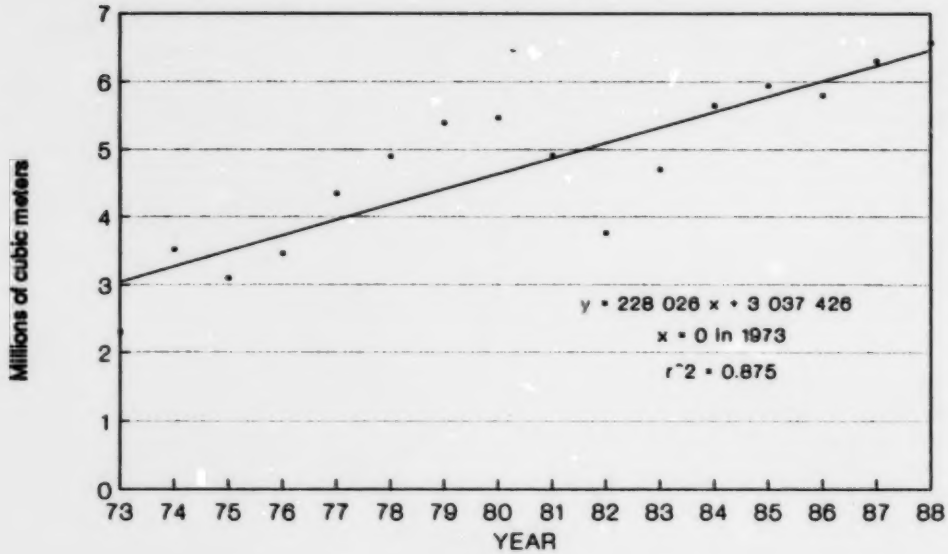
	Wood Pulp*					Paper**		
Year	Groundwood	Sulphite	Sulphate	Other Pulps	Total Pulp	Newsprint	Other Paper/ Paperboard	Total Paper/ Paperboard
1988	1,281,745	290,252	2,172,271	486,247	4,230,515	1,860,624	1,501,375	3,361,999
1987	1,237,782	307,881	2,009,221	614,032	4,168,916	1,811,560	1,505,839	3,317,399
1986	1,240,432	325,185	2,153,618	442,596	4,161,831	1,820,220	1,306,127	3,126,347
1985	1,193,053	318,143	2,044,576	424,109	3,979,881	1,744,531	1,181,543	2,926,074
1984	1,288,621	345,498	2,060,747	416,530	4,111,396	1,824,790	1,122,528	2,947,318
1988 tons	1,412,879	319,947	2,394,514	535,994	4,663,335	2,050,983	1,654,979	3,705,962

* Wood pulp production includes product of both integrated pulp and paper mills and non-integrated pulp mills.
** Paper production does not include products of non-integrated paper mills

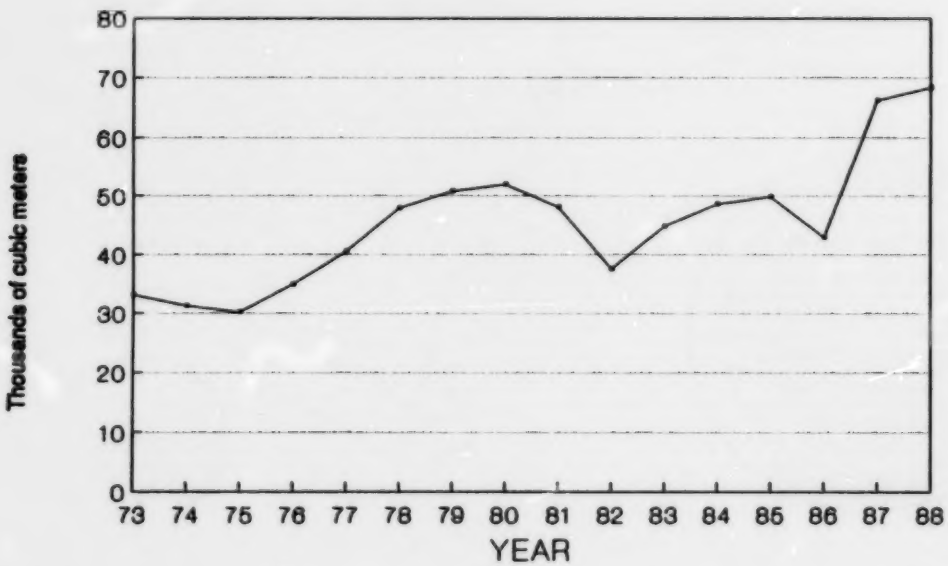
REPORT ON THE 1988
BARK AND WOOD RESIDUES PRODUCTION

REGIONAL PRODUCTION / CONSUMPTION STATISTICS
ONTARIO - PRODUCED PULPCHIPS
1989

TOTAL PULPCHIP SHIPMENTS
ONTARIO 1973 - 88



MEAN SHIPMENT BY CHIP-PRODUCING MILLS
ONTARIO 1973 - 88



SELECTED PULPCHIP STATISTICS:
SHIPMENTS BY ONTARIO SAWMILLS AND VENEER MILLS, 1981 - 1988
(All volumes in cubic metres)

Calendar Year	1981	1982	1983	1984	1985	1986	1987	1988	1988 metric tonnes
Quantity of Pulpchips Produced	5,051,645	3,948,243	4,845,196	5,747,500	6,064,412	6,058,253	6,354,975	6,563,341	2,474,398
No. of Mills Shipping Pulpchips	102	100	105	116	119	135	95	96	96
Quantity of Pulpchips Shipped	4,907,706	3,755,278	4,697,022	5,636,282	5,927,677	5,789,783	6,290,306	6,561,728	2,473,790
Change in Quantity Shipped Over Previous Year	(551,678)	(1,152,428)	941,744	939,260	291,395	(137,894)	500,523	271,422	102,327
Percentage Change in Shipping Over Previous Year	(10.1)	(23.5)	25.1	20.0	5.2	(2.3)	8.6	4.3	4.3
Average Shipment Per Mill	48,115	37,553	44,734	48,589	49,812	42,887	66,214	68,351	25,769
No. of Pulp Mills Purchasing Chips	27	26	23	22	24	26	26	25	25
No. of Other Mills Purchasing Chips	2	3	6	5	6	9	3	3	3

( ) Denotes negative value

SELECTED SHAVINGS STATISTICS:
SHIPMENTS BY ONTARIO SAWMILLS, 1981 - 1988
(All volumes in cubic metres)

Calendar Year	1981	1982	1983	1984	1985	1986	1987	1988	1988 metric tonnes
Quantity of Shavings Produced	899,655	784,490	944,142	987,194	672,776	677,429	566,902	495,173	186,682
No. of Mills Shipping Shavings	50	57	50	52	54	53	38	33	33
Quantity of Shavings Shipped	587,971	378,360	370,793	515,445	451,648	434,301	373,682	345,926	130,415
Change in Quantity Shipped Over Previous Year	(5,044)	(209,611)	(7,567)	144,652	(63,797)	(17,347)	(60,619)	(27,756)	(10,464)
Percentage Change in Shipping Over Previous Year	(0.9)	(35.6)	(2.0)	39.0	(12.4)	(3.8)	(14.0)	(7.4)	(7.4)
Average Shipment Per Mill	11,759	6,638	7,416	9,912	8,364	8,194	9,834	10,483	3,952
No. of Mills Purchasing Shavings	20	18	15	20	16	17	13	16	16
Volume of Industrial Consumption	253,427	214,772	259,917	303,835	263,027	319,553	326,390	249,656	94,121
Volume of Agricultural or Landscaping use	29,538	60,366	55,087	31,336	47,767	18,369	29,344	24,372	9,188
Unutilized	216,924	111,736	237,418	410,577	118,850	153,215	93,761	69,661	26,262
Internal Fuel Consumption	383,994	397,354	388,165	240,785	241,438	181,904	117,407	151,003	56,929

( ) Denotes negative value

SELECTED HOG FUEL STATISTICS
SHIPMENTS BY ONTARIO MILLS, 1982 - 1988
(All volumes in cubic metres)

Calendar Year	1982	1983	1984	1985	1986	1987	1988	1988 metric tonnes
Quantity of Hog Fuel Produced	253,450	1,125,217	1,956,320	1,463,852	1,303,743	2,684,656	2,623,918	989,225
No. of Mills Shipping Hog Fuel	6	8	29	28	25	30	29	29
Quantity of Hog Fuel Shipped	129,250	434,274	866,009	816,976	581,578	797,778	768,422	289,697
Change in Quantity Shipped Over Previous Year	N/A	305,024	431,735	(49,033)	(235,398)	216,200	(29,356)	(11,067)
Percentage Change in Shipping Over Previous Year	N/A	236.0	99.4	(5.7)	(28.8)	37.2	(3.7)	(3.7)
Average Shipment Per Mill	21,542	54,284	29,862	29,178	23,263	26,593	26,497	9,989
No. of Mills Purchasing Hog Fuel	5	10	10	14	13	16	19	19
Volume of Industrial Consumption	44,970	434,274	127,672	253,160	105,214	108,358	80,448	30,329
Volume of Agricultural or Landscaping use	—	—	5,874	72	—	3,276	12,368	4,663
Unutilized	1,184	68,043	429,616	85,096	64,929	95,517	146,711	55,310
Internal Fuel Consumption	207,296	622,900	1,393,158	116,427	1,333,600	2,377,282	2,297,536	866,178

( ) Denotes negative value
N/A Figures not available
Figures not available prior to 1982.

SELECTED SAWDUST STATISTICS:
SHIPMENTS BY ONTARIO SAWMILLS, 1981 - 1988
(All volumes in cubic metres)

Calendar Year	1981	1982	1983	1984	1985	1986	1987	1988	1988 metric tonnes
Quantity of Sawdust Produced	1,591,773	1,126,173	1,302,491	1,401,664	1,359,824	1,575,450	1,145,905	1,076,190	405,727
No. of Mills Shipping Sawdust	88	87	90	91	74	96	71	77	77
Quantity of Sawdust Shipped	562,105	343,968	534,333	681,633	574,901	821,077	575,513	520,565	196,254
Change in Quantity Shipped Over Previous Year	(20,180)	(218,137)	190,365	147,300	(106,732)	246,176	(245,564)	(54,948)	(20,716)
Percentage Change in Shipping Over Previous Year	(3.5)	(38.8)	55.3	27.6	(15.7)	42.8	(29.9)	(9.5)	(9.5)
Average Shipment Per Mill	6,388	3,954	5,937	7,490	7,769	8,553	8,106	6,761	2,549
No. of Mills Purchasing Sawdust	17	14	19	21	17	24	20	19	19
Volume of Industrial Consumption	148,479	132,643	179,884	201,592	243,066	337,742	328,795	177,937	67,083
Volume of Agricultural or Landscaping use	100,152	83,366	104,522	202,324	114,694	136,006	113,529	92,785	34,980
Unutilized	682,916	284,221	429,990	554,401	419,769	461,562	393,532	326,966	123,267
Internal Fuel Consumption	659,685	581,955	586,410	441,535	579,613	639,692	309,612	476,328	179,577

( ) Denotes negative value

SELECTED BARK STATISTICS:
SHIPMENTS BY ONTARO MILLS, 1981 - 1988
(All volumes in cubic metres)

Calendar Year	1981	1982	1983	1984	1985	1986	1987	1988	1988 metric tonnes
Quantity of Bark Produced	3,285,301	2,278,763	2,522,264	2,860,393	2,921,744	2,745,864	2,098,595	1,953,839	736,603
No. of Mills Shipping Bark	28	33	40	36	50	70	48	54	54
Quantity of Bark Shipped	468,858	269,500	539,427	317,520	1,066,729	993,635	786,735	600,866	226,528
Change in Quantity Shipped Over Previous Year	95,673	(199,358)	269,927	(221,907)	749,209	(73,094)	(206,900)	(185,869)	(70,073)
Percentage Change in Shipping Over Previous Year	25.6	(42.5)	100.2	(41.1)	236.0	(6.9)	(20.8)	(23.6)	(23.6)
Average Shipment Per Mill	16,745	8,167	13,486	8,820	21,335	14,195	16,390	11,127	4,195
No. of Mills Purchasing Bark	11	11	18	17	23	30	20	20	20
Volume of Industrial Consumption	98,632	164,408	287,291	190,937	53,139	219,840	197,758	48,109	18,137
Volume of Agricultural or Landscaping use	38,181	12,823	33,773	24,290	181,368	32,278	39,720	55,350	20,867
Unutilized	1,381,370	775,021	1,084,063	1,442,220	988,662	908,703	602,713	699,108	263,566
Internal Fuel Consumption	1,669,296	1,178,720	1,064,858	1,199,713	1,696,945	1,563,093	1,250,852	1,142,913	430,881

( ) Denotes negative value

INTER-REGIONAL SHIPMENTS OF PULP CHIPS, 1968
(cubic metres)

1968 Region of Production / Area of Consumption	Percentage of Total Production	Total Production	Northeastern	North Central	Northern	Northeastern	Algonquin, Eastern, Central, and Southeastern	Province of Quebec	United States of America	Internal Energy	Other Use	Agriculture	To Inventory	Waste
Northwestern	7.1	464,143	260,584	201,808	—	—	—	—	—	—	—	1,900	—	251
North Central	20.3	1,334,536	215,511	1,118,361	—	—	—	—	—	—	—	102	562	—
Northern	35.3	2,318,922	—	732,238	877,802	279,092	138,854	241,405	49,525	—	—	—	—	—
Northeastern	28.2	1,847,791	—	641,248	—	1,077,482	—	88,568	40,133	—	—	—	360	—
Algonquin	7.7	505,518	—	—	—	25,533	21,127	458,418	—	440	—	—	—	—
Eastern	0.6	38,846	—	—	—	—	27,644	11,202	—	—	—	—	—	—
Central	0.5	30,791	—	—	—	—	13,241	—	4,016	—	—	13,534	—	—
Southeastern	0.3	22,794	—	—	—	—	16,305	—	4,723	—	—	1,766	—	—
(cubic metres) TOTAL CONSUMED	100.0	6,563,341	476,095	2,693,655	877,802	1,382,107	217,171	799,593	98,397	440	0	16,902	922	251
Inventory (from)		0												
Utilization		6,563,341	476,095	2,693,655	877,802	1,382,107	217,171	799,593	98,397	440	0	16,902	922	251
To Inventory and Waste		1,173												
Shipments		6,562,168												
Percentage of Shipments			7.3	41.0	13.4	21.1	3.3	12.2	1.5	0.0	0.0	0.3	0.0	0.0
(metric tonnes) TOTAL CONSUMED		2,474,398	179,489	1,015,516	330,936	521,058	81,874	301,449	37,096	166	0	6,372	0	95
Inventory (from)		0												
Utilization		2,474,398	179,489	1,015,516	330,936	521,058	81,874	301,449	37,096	166	0	6,372	348	95
To Inventory and Waste		442												
Shipments		2,473,956												

REGIONAL PRODUCTION AND CONSUMPTION OF SHAVINGS, 1988
(cubic metres)

Region	Production	Shipped/Sold/Given Away				Burned Internally (Energy)	Waste (Dumped or Burned, etc.)	Inventory
		Primary Wood-Using Industries	Other Industries	Agriculture/ Landscaping	Other			
Northwestern	72,388	---	---	---	481	24,652	47,255	---
North Central	69,263	62,866	2,164	1,932	---	2,301	---	---
Northern	272,159	207,870	6,610	300	---	37,508	19,871	---
Northeastern	51,134	8,433	21,892	18,751	---	400	1,658	---
Algonquin	26,540	5,702	6,017	---	---	13,944	877	---
Eastern	2,700	---	---	2,700	---	---	---	---
Central	989	---	---	689	---	300	---	---
Southwestern		---	---	---	---	---	---	---
ONTARIO PRODUCTION	495,173							
CONSUMPTION		284,871	36,683	24,372	481	79,105	69,661	---

REGIONAL PRODUCTION AND CONSUMPTION OF HOG FUEL, 1988
(cubic metres)

Region	Production	Shipped/Sold/Given Away				Burned Internally (Energy)	Waste (Dumped or Burned, etc.)	Inventory
		Primary Wood-Using Industries	Other Industries	Agriculture/ Landscaping	Other			
Northwestern	223,530	79,207	---	---	---	142,997	1,326	---
North Central	1,084,086	262,087	60,477	---	1,405	739,375	19,573	1,169
Northern	717,048	99,857	81,673	200	85,450	398,993	29,275	21,600
Northeastern	563,577	161,680	409	10,401	---	332,807	58,280	---
Algonquin	8,246	---	---	---	---	7,758	488	---
Eastern	3,215	---	1,215	1,500	---	---	500	---
Central	6,265	---	---	267	---	---	5,998	---
Southwestern	17,951	---	9,449	---	---	---	8,502	---
ONTARIO PRODUCTION	2,623,918							
CONSUMPTION		602,831	153,223	12,368	86,855	1,621,930	123,942	22,769

REGIONAL PRODUCTION AND CONSUMPTION OF SAWDUST, 1988
(cubic metres)

Region	Production	Shipped/Sold/Given Away				Burned Internally (Energy)	Waste (Dumped or Burned, etc.)	Inventory
		Primary Wood-Using Industries	Other Industries	Agriculture/ Landscaping	Other			
Northwestern	40,850	---	---	300	---	---	40,550	---
North Central	131,069	122,616	---	499	---	5,363	2,576	15
Northern	364,294	90,892	53,403	---	---	27,331	92,668	---
Northeastern	218,413	82,026	391	13,962	2,174	66,379	53,481	---
Algonquin	220,179	68,604	4,616	11,931	---	20,922	114,106	---
Eastern	26,600	---	---	16,937	---	856	8,807	---
Central	32,330	---	3,274	18,247	---	4,890	5,919	---
Southwestern	42,455	---	1,958	30,909	---	744	8,844	---
ONTARIO PRODUCTION	1,076,190							
CONSUMPTION		364,138	63,642	92,785	2,174	226,485	326,951	15

REGIONAL PRODUCTION AND CONSUMPTION OF BARK, 1988
(cubic metres)

Region	Production	Shipped/Sold/Given Away				Burned Internally (Energy)	Waste (Dumped or Burned, etc.)	Inventory
		Primary Wood-Using Industries	Other Industries	Agriculture/ Landscaping	Other			
Northwestern	452,786	213,758	---	---	---	153,828	85,200	---
North Central	385,780	88,060	---	---	---	205,717	91,988	15
Northern	391,055	67,454	120,757	---	---	83,816	119,028	---
Northeastern	238,623	18,236	---	12,382	6,644	36,469	64,892	---
Algonquin	238,623	15,186	198	10,949	---	57,833	154,457	---
Eastern	143,648	---	---	8,854	1,715	929	132,150	---
Central	50,169	---	---	16,020	---	1,285	32,864	---
Southwestern	53,155	---	21,867	7,145	---	5,629	18,514	---
ONTARIO PRODUCTION	1,953,839							
CONSUMPTION		402,694	142,822	55,350	8,359	645,506	699,093	15

ONTARIO PULP CHIP PRODUCERS, 1988

Regions and Districts	PRODUCERS	Location
NORTHWESTERN REGION		
Dryden	Canadian Pacific Forest Prod. Ltd.	Dryden
Fort Frances	Manitou Lumber Company	Emo
	Nickel Lake Lumber	Fort Frances
Ignace	R.W. Kangas Limited	Ignace
Kenora	Trilake Timber Company Limited	Kenora
Red Lake	Skookum Bay Logging Limited	Red Lake
Sioux Lookout	McKenzie Forest Products Inc.	Hudson
NORTH CENTRAL REGION		
Atikokan	Foothills Timber Limited	Atikokan
	McKenzie Forest Products Inc.	Sapawe
Geraldton	Weldwood of Canada Limited	Longlac
Nipigon	MacMillan Bloedel Limited	Nipigon
Thunder Bay	Canadian Pacific Forest Prod. Ltd.	Thunder Bay
	Great West Timber Limited	Thunder Bay
	Northern Wood Preservers Inc.	Thunder Bay
	Port Arthur Lumber & Planing Ltd.	Thunder Bay
	Kakabeka Timber Limited	Kakabeka Falls
	Inwood Forest Products Limited	Upsala
NORTHERN REGION		
Chapleau	Chapleau Forest Products Limited	Chapleau
	A. & L. Lafreniere Lumber Limited	Chapleau
	J.E. Martel & Sons Lumber Limited	Chapleau
	Pineal Lake Lumber Company Limited	Pineal Lake
Cochrane	Normick Perron Inc.	Cochrane
Gogama	Quebec & Ontario Paper Company Ltd.	Ostram Siding
Hearst	Olav Haavaldsrud Timber Company Ltd.	Hornepayne
	Custom Sawmill (Hearst) Limited	Hearst
	United Sawmill Limited	Hearst
	Lecours Lumber Company Limited	Calstock
	Levesque Plywood Limited	Hearst
Kapuskasing	Isabelle Brothers Limited	Opasatika
Kirkland Lake	Elk Lake Planing Mill Limited	Elk Lake
	Elk Lake Planing Mill Limited	Englehart
	Normick Perron Inc.	Kenogami Lake
Timmins	E.B. Eddy Forest Products Limited	Timmins
	Malette Inc.	Timmins

ONTARIO PULP CHIP PRODUCERS, 1988

Regions and Districts	PRODUCERS	Location
NORTHEASTERN REGION		
Blind River	Lajambe Forest Products Limited	Thessalon
	Midway Lumber Mills Limited	Thessalon
Espanola	E.B. Eddy Forest Products Limited	Nairn Centre
North Bay	Field Lumber (1956) Limited	Field
	G.W. Martin Lumber Limited	Mattawa
	G.W. Martin Veneer Limited	Ruthergien
	Goulard Lumber (1971) Limited	Sturgeon Falls
	L. Brun Company Limited	Field
	Hampel-Gibson Forest Products Ltd.	North Bay
	Giroux & Vezina Limited	Field
	Odorizzi Lumber Company Limited	Golden Valley
Sault Ste. Marie	G.W. Martin Veneer Limited	Sault Ste. Marie
	G.W. Martin Veneer Limited	Searchmont
	Lajambe Forest Products Limited	Heyden
Sudbury	Falconbridge Limited	Falconbridge
	Isidore Roy Limited	Hagar
	R. Fryer Forest Products Limited	Monetville
	H. & R. Chartrand Lumber Limited	Noelville
	Lahaie Lumber Limited	Alban
	G.W. Martin Forest Products Ltd.	Alban
Temagami	William Milne & Sons Limited	Temagami
Wawa	Domtar Inc. White River	White River
	Dubreuil Brothers Limited	Dubreuilville
ALGONQUIN REGION		
Algonquin Park	McRae Mill Limited	Whitney
	Murray Brothers Lumber Company Ltd.	Madawaska
Bancroft	G.W. Martin Lumber Limited	Harcourt
	Freymond Lumber Limited	Bancroft
	Jan Lumber Company Limited	L'Amable
	Jan Forest Products Limited	L'Amable
Bracebridge	G.W. Martin Lumber Limited	Hunstville
	Lajambe Forest Products Limited	Sundridge
	Lajambe Forest Products Limited	Kearney
Minden	M.W. Hunter Lumber Limited	Gooderham
	Wilberforce Veneer & Lumber Co. Ltd.	Wilberforce
Parry Sound	Roy's Lumber & Mining Timber Ltd.	Britt
	Jamot Lumber Company Limited	Pakesley

ONTARIO PULP CHIP PRODUCERS, 1988

Regions and Districts	PRODUCERS	Location
ALGONQUIN REGION (cont'd.)		
Pembroke	Consolidated-Bathgurst Inc.	Braeside
	Lavern Heideman & Sons Limited	Eganville
	Shaw Lumber	Eganville
	Ben Hokum & Sons Limited	Killaloe
	Thomas J. Neuman Limited	Palmer Rapids
	George Stein Limited	Palmer Rapids
	Dament & Charles Lumber Mnfg. Ltd.	Pembroke
	Hogan Lake Timber (1976) Limited	Pembroke
	Eddy Match Company Limited	Pembroke
EASTERN REGION		
Carleton Place	O.E. Rothwell Lumber Company Ltd.	Lanark
	Byway Lumber Limited	Perth
	M.J. Umpherson Lumber Corn	Lanark
Cornwall	Ken MacLennan Saw Mill Limited	Dalkeith
	Albert Larocque Lumber Limited	Hawkesbury
Napanee	Chisiom's (Roslin) Limited	Roslin
CENTRAL REGION		
Cambridge	Edgewood Lumber Limited	Hawkesville
	W.G. Hallman Lumber Limited	Petersburg
Huronia (Barrie)	Huronia Residual	Huronia District
Maple	M.G. Slater Lumber	Gormley
	Brouwer Wood Products	Keswick
SOUTHWESTERN		
Owen Sound	W.G. Hallman Lumber Limited	Walter's Falls
Simcoe	Henry Engeneski Lumber Limited	Scotland
	Townsend Lumber Inc.	Tillsonburg

ONTARIO PULP CHIP CONSUMERS, 1988

CONSUMERS	LOCATION
ONTARIO	
Abitibi-Price Inc.	Iroquois Falls
Abitibi-Price Inc.	Thunder Bay
Boise Cascade Canada Limited	Fort Frances
Boise Cascade Canada Limited	Kenora
Canadian Pacific Forest Prod. Ltd.	Dryden
	Thunder Bay
Combiboard	Bancroft
Domtar Inc.	Cornwall
Domtar Inc.	Trenton
Domtar Inc.	Red Rock
E.B. Eddy Forest Products Limited	Espanola
IKO Industries	Brampton
James River-Marathon Limited	Marathon
Kimberly-Clark of Canada Limited	Terrace Bay
MacMillan Bloedel Limited	Sturgeon Falls
Quebec & Ontario Paper Company Ltd.	Thorold
Spruce Falls Power & Paper Co. Ltd.	Kapuskasing
St. Marys Paper Inc.	Sault Ste. Marie
Waferboard Corporation Limited	Smooth Rock Falls
Wilberforce Veneer & Lumber Co. Ltd.	Wilberforce
QUEBEC	
C.I.P. Inc.	Gatineau
Consolidated-Bathurst Inc.	Portage Du Fort
Consolidated-Bathurst Inc.	Trois Rivieres
McLaren Industries Limited	Thurso
Tembec Inc.	Temiskaming
MICHIGAN	
Mead Corp	Escanaba
NEW YORK	
SKW Alloys Limited	Niagara Falls
OTHER STATES	
Consolidated Papers Limited	Appleton

NOTE: Includes operations which internally burn more than 200 cubic metres.

ONTARIO SHAVINGS PRODUCERS, 1988

Regions and Districts	Producers	Location
NORTHWESTERN REGION		
Fort Frances	Manitou Lumber Company	Emo
	Nickel Lake Lumber	Fort Frances
Red Lake	Skookum Bay Logging Limited	Red Lake
Sioux Lookout	McKenzie Forest Products Inc.	Hudson
NORTH CENTRAL REGION		
Atikokan	McKenzie Forest Products Inc.	Sapawe
Thunder Bay	Canadian Pacific Forest Prod. Ltd.	Thunder Bay
	Great West Timber Limited	Thunder Bay
	Port Arthur Lumber & Planing Ltd.	Thunder Bay
NORTHERN REGION		
Chapleau	A. & L. Lafreniere Lumber Limited	Chapleau
	Chapleau Forest Products Limited	Chapleau
	J.E. Martel & Sons Lumber Limited	Chapleau
	Pineal Lake Lumber Company Limited	Pineal Lake
Cochrane	Normick Perron Inc.	Cochrane
Hearst	Custom Sawmill (Hearst) Limited	Hearst
	Lecours Lumber Company Limited	Calstock
	Olav Haavaldsrud Timber Company Ltd.	Hornepayne
	United Sawmill Limited	Hearst
Kapuskasing	Isabelle Brothers Limited	Opasatika
Kirkland Lake	Elk Lake Planing Mill Limited	Elk Lake
	Elk Lake Planing Mill Limited	Englehart
	Normick Perron Inc.	Kenogami Lake
Timmins	E.B. Eddy Forest Products Limited	Timmins
	Malette Inc.	Timmins
NORTHEASTERN		
Blind River	Midway Lumber Mills Limited	Thessalon
Espanola	E.B. Eddy Forest Products Limited	Nairn Centre
North Bay	Giroux & Vezina Limited	Field
	Goulard Lumber (1971) Limited	Sturgeon Falls
	Hampel-Gibson Forest Products Ltd.	North Bay
Sault Ste. Marie	G.W. Martin Veneer Limited	Sault Ste. Marie
Sudbury	Falconbridge Limited	Falconbridge
	R. Fryer Forest Products Limited	Monetville
Temagami	William Milne & Sons Limited	Temagami
Wawa	Dubreuil Brothers Limited	Dubreuilville

ONTARIO SHAVINGS PRODUCERS, 1988

Regions and Districts	Mill Licensee*	Location
ALGONQUIN REGION		
Algonquin Park	Murray Brothers Lumber Company Ltd.	Madawaska
Bancroft	G.W. Martin Lumber Limited	Harcourt
Pembroke	Consolidated-Bathurst Inc.	Braeside
	Thomas J. Neuman Limited	Palmer Rapids
EASTERN REGION		
Napanee	Chislom's (Roslin) Limited	Roslin
CENTRAL REGION		
Cambridge	Parkinson's Saw Mill Limited	Guelph
Huronia (Barrie)	Maurice Miller Lumber Limited	Barrie
Maple	M.G. Slater Lumber	Gormley

ONTARIO SHAVINGS CONSUMERS, 1988

CONSUMERS	LOCATION
ONTARIO	
A. & L. Lafreniere Lumber Limited	Chapleau
Canadian Pacific Forest Prod. Ltd.	Thunder Bay
Chapleau Co-Generation	Chapleau
Consolidated-Bathurst Inc.	Braeside
Domtar Inc	Huntsville
Domtar Inc.	Red Rock
Don Pastell	New Hamburg
Great West Timber Limited	Thunder Bay
J.E. Martel & Sons Lumber Limited	Chapleau
Levesque Plywood Limited	Hearst
M.G. Slater Lumber	Gormley
MacMillan Bloedel Limited	Sturgeon Falls
Malette Inc.	Timmins
McKenzie Forest Products Inc.	Hudson
Nordfibre Company	North Bay
Pineal Lake Lumber Co. Limited	Pineal Lake
Rexwood Products Limited	New Liskeard
William Milne & Sons Limited	Temagami
QUEBEC	
Forpan Inc.	Val D'Or
MINNESOTA	
Mullenix Woodshavings	Brainerd
Quality Bedding	Brainerd
OTHER STATES	
Rodman Industries	Marinette

NOTE: Includes operations which internally burn more than 200 cubic metres.

ONTARIO HOG FUEL PRODUCERS, 1988

Regions and Districts	PRODUCERS	Location
NORTHWESTERN REGION		
Dryden	Canadian Pacific Forest Prod. Ltd.	Dryden
Kenora	Boise Cascade Canada Limited	Kenora
	E. & G. Custom Sawming Limited	Kenora
	Trilake Timber Company Limited	Kenora
NORTH CENTRAL REGION		
Geraldton	Weldwood of Canada Limited	Longlac
Nipigon	MacMillan Bloedel Limited	Nipigon
Terrace Bay	Kimberly-Clark of Canada Limited	Terrace Bay
Thunder Bay	Canadian Pacific Forest Prod. Ltd.	Thunder Bay
	Great West Timber Limited	Thunder Bay
	Northern Wood Preservers Inc.	Thunder Bay
	Kakabeka Timber Limited	Kakabeka Falls
	MacMillan Bloedel Limited	Thunder Bay
	Inwood Forest Products Limited	Upsala
NORTHERN REGION		
Chapleau	Chapleau Forest Products Limited	Chapleau
	Pineal Lake Lumber Company Limited	Pineal Lake
Cochrane	Abitibi-Price Inc.	Iroquois Falls
	Normick Perron Inc.	Cochrane
Hearst	Custom Sawmill (Hearst) Limited	Hearst
	Levesque Plywood Limited	Hearst
	United Sawmill Limited	Hearst
Kapuskasing	Spruce Falls Power & Paper Co. Ltd.	Kapuskasing
Kirkland Lake	Grant Waferboard	Englehart
	Cheminis Lumber Limited	Kearns
Timmins	E.B. Eddy Forest Products Limited	Timmins
	Malette Inc.	Timmins
NORTHEASTERN		
Blind River	Blind River Veneer Limited	Blind River
	Birchland Veneer Limited	Thessalon
	Midway Lumber Mills Limited	Thessalon
Espanola	E.B. Eddy Forest Products Limited	Espanola
	E.B. Eddy Forest Products Limited	Nairn
North Bay	Field Lumber (1956) Limited	Field
	G.W. Martin Lumber Limited	Mattawa
	Hampel-Gibson Forest Products Ltd.	North Bay

ONTARIO HOG FUEL PRODUCERS, 1988

Regions and Districts	Mill Licensee	Location
NORTHEASTERN (cont'd.)		
Sault Ste. Marie	Lajambe Forest Products Limited	Garden River
	Lajambe Forest Products Limited	Heyden
	G.W. Martin Veneer Limited	Sault Ste. Marie
	G.W. Martin Veneer Limited	Searchmont
	Superior Hardwood Veneers Limited	Sault Ste. Marie
Sudbury	Isidore Roy Limited	Hagar
Temagami	Rexwood Products Limited	New Liskeard
ALGONQUIN REGION		
Bracebridge	G.W. Martin Lumber Limited	Hunstville
Pembroke	Eddy Match Company Limited	Pembroke
EASTERN REGION		
Carleton Place	O.E. Rothwell Lumber Company Ltd.	Lanark
Napanee	Domtar Packaging Limited	Trenton
CENTRAL REGION		
Cambridge	Oakville Wood Specialties Limited	Oakville
	Panill Veneer Co. Limited	Kitchener
SOUTHWESTERN		
Owen Sound	Interforest Limited	Durham
	Keenan Industries Limited	Owen Sound
Simcoe	Henry Engeneski Lumber Limited	Scotland
Wingham	Craig Hardwoods Limited	Auburn
	R.J. Dungey and Sons Limited	Mitchel
	J.H. Keeso and Sons Limited	Listowel

ONTARIO HOG FUEL CONSUMERS, 1988

CONSUMERS	LOCATION
ONTARIO	
Abitibi-Price Inc.	Iroquois Falls
Abitibi-Price Inc.	Thunder Bay
Bio Shell Limited	Hearst
Birchland Veneer Limited	Thessalon
Boise Cascade Canada Limited	Kenora
Canadian Pacific Forest Prod. Ltd.	Dryden
Canadian Pacific Forest Prod. Ltd.	Thunder Bay
Cheminis Lumber Limited	Kearns
Domtar Inc.	Red Rock
E.B. Eddy Forest Products Limited	Espanola
E.B. Eddy Forest Products Limited	Nairn Centre
Eddy Match Company Limited	Pembroke
Field Lumber (1956) Limited	Field
G.W. Martin Lumber Limited	Huntsville
G.W. Martin Lumber Limited	Mattawa
G.W. Martin Veneer Limited	Sault Ste. Marie
Grant Waferboard	Englehart
Grenville Christian College	Cornwall
Kimberly-Clark of Canada Limited	Terrace Bay
MacMillan Bloedel Limited	Thunder Bay
Malette Inc.	Timmins
Midway Lumber Mills Limited	Thessalon
Nordfibre Company	North Bay
Pineal Lake Lumber Co. Limited	Pineal Lake
Rexwood Products Limited	New Liskeard
Spruce Falls Power & Paper Co. Ltd.	Kapuskasing
St. Marys Paper Inc.	Sault Ste. Marie
Thunder Bay Terminals	Thunder Bay
Waferboard Corp. Limited	Smooth Rock Falls
Weldwood of Canada Limited	Longlac
QUEBEC	
Tembec Inc.	Temiskaming

NOTE: Includes operations which internally burn more than 200 cubic metres.

ONTARIO SAWDUST CONSUMERS, 1988

CONSUMERS	LOCATION
ONTARIO	
A. & L. Lafreniere Lumber Limited	Chapleau
Bio Shell Limited	Hearst
Canadian Pacific Forest Prod. Ltd.	Thunder Bay
Chapleau Co-Generation	Chapleau
Colmac Lumber	Pembroke
Domtar Inc.	Huntsville
Domtar Inc.	Red Rock
Dubreuil Brothers Limited	Dubreuilville
Elk Lake Planing Mill Limited	Elk Lake
Field Lumber (1956) Limited	Field
G.W. Martin Lumber Limited	Harcourt
G.W. Martin Lumber Limited	Huntsville
G.W. Martin Veneer Limited	Searchmont
George Coultis & Sons Limited	Thedford
Goulard Lumber (1971) Limited	Sturgeon Falls
Great West Timber Limited	Thunder Bay
Griffiths Laboratories	South River
Hogan Lake Timber (1976) Limited	Pembroke
IKO Industries	Brampton
M.G. Slater Lumber	Gormley
MacMillan Bloedel Limited	Sturgeon Falls
Malette Inc.	Timmins
Midway Lumber Mills Limited	Thessalon
Murray Brothers Lumber Company Ltd.	Madawaska
Nordfibre Company	North Bay
Pineal Lake Lumber Company Limited	Pineal Lake
Proboard Limited	Atikokan
St. Marys Paper Inc.	Sault Ste. Marie
Waferboard Corporation Limited	Smooth Rock Falls
William Milne & Sons Limited	Temagami
QUEBEC	
Consolidate-Bathurst Inc.	Portage Du Fort

NOTE: Includes operations which internally burn more than 200 cubic metres.

ONTARIO BARK CONSUMERS, 1988

CONSUMERS	LOCATION
ONTARIO	
Abitibi-Price Inc., Thunder Bay Div.	Thunder Bay
Abitibi-Price Inc., Fort William Div.	Thunder Bay
Bio Shell Limited	Hearst
Canada Veneers Limited	Pembroke
Canadian Pacific Forest Prod. Ltd.	Dryden
Canadian Pacific Forest Prod. Ltd.	Thunder Bay
Chapleau Co-Generation	Chapleau
Colmac Lumber	Pembroke
Combiboard	Bancroft
Consolidated-Bathurst Inc.	Braeside
Domtar Inc.	Huntsville
Domtar Inc.	White River
Domtar Inc.	Red Rock
Dubreuil Brothers Limited	Dubreuilville
Eddy Match Company Limited	Pembroke
Elk Lake Planing Mill Limited	Elk Lake
G.W. Martin Lumber Limited	Huntsville
G.W. Martin Veneer Limited	Searchmont
George Coultis & Son Limited	Thedford
Hogan Lake Timber (1976) Limited	Pembroke
Kimberly-Clark of Canada Limited	Terrace Bay
M.G. Slater Lumber	Gormley
MacMillan Bloedel Limited	Sturgeon Falls
Malette Inc.	Timmins
Nordfibre Company	North Bay
Pineal Lake Lumber Co. Limited	Pineal Lake
Proboard Limited	Atikokan
Spruce Falls Power & Paper Co. Ltd.	Kapuskasing
St. Marys Paper Inc.	Sault Ste. Marie
Townsend Lumber Inc.	Tillsonburg
Waferboard Corp. Limited	Smooth Rock Falls
Weldwood of Canada Limited	Longlac
Wilberforce Veneer & Lumber Co. Ltd.	Wilberforce
William Milne & Sons Limited	Temagami
MINNESOTA	
Boise Cascade Corporation	International Falls

NOTE: Includes operations which internally burn more than 200 cubic metres.

REPORT ON THE 1988
INTERPROVINCIAL AND INTERNATIONAL TRADE
IN WOOD AND WOOD PRODUCTS

ONTARIO INTERPROVINCIAL AND INTERNATIONAL TRADE IN WOOD PRODUCTS, 1988
SUMMARY
(cubic metres, solid wood equivalent)

	Sawlogs and Veneer Logs etc.		Pulpwood		Roundwood Total		Whole Tree Chips and Residues		
	Conifer	Hardwood	Conifer	Hardwood	Conifer	Hardwood	Conifer	Hardwood	Total
Total Shipments into Ontario									
	144,677	170,011	231,437	287,608	376,114	457,619	62,200	78,091	974,014
Total Shipments out of Ontario									
Crown Land	95,858	19,967	66,810	61,937	162,668	81,904	592,557	213,706	1,050,835
Patent Land	15,180	339	9,148	36,189	24,328	36,528	231,649	85,545	378,050
TOTALS	111,038	20,306	75,958	98,126	186,996	118,432	824,206	299,251	1,428,885

ONTARIO INTERPROVINCIAL TRADE IN WOOD PRODUCTS, 1988
BY ORIGIN AND DESTINATION

(cubic metres, solid wood equivalent)

	Sawlogs and Veneer Logs etc.		Pulpwood		Roundwood Total		Whole Tree Chips and Residues		
	Conifer	Hardwood	Conifer	Hardwood	Conifer	Hardwood	Conifer	Hardwood	Total
Origin			**Total Shipments into Ontario**						
Manitoba	3,618	--	129,011	--	132,629	--	--	--	132,629
Quebec	102,609	15,450	--	76,149	102,609	91,599	18,880	69,772	282,860
U.S.A.	38,440	154,561	102,426	211,459	140,866	366,020	43,320	8,319	558,525
TOTALS	144,667	170,011	231,437	287,608	376,114	457,114	62,200	78,091	974,014
Destination			**Total Shipments out of Ontario - from Crown Land**						
Quebec	95,858	19,967	66,810	61,937	162,668	81,904	432,507	117,411	794,490
U.S.A.	--	--	--	--	--	--	160,050	96,295	256,345
TOTALS	95,858	19,967	66,810	61,937	162,668	81,904	592,557	213,706	1,050,835
Destination			**Total Shipments out of Ontario - from Patent Land**						
Quebec	15,180	--	9,148	36,189	24,328	36,189	195,574	79,441	335,532
U.S.A.	--	316	--	--	--	316	36,075	6,104	42,495
Other Countries	--	23	--	--	--	23	--	--	23
TOTALS	15,180	339	9,148	36,189	24,328	36,528	231,649	85,545	378,050

SHIPMENTS INTO ONTARIO, 1988

(cubic metres, solid wood equivalent)

	Roundwood		Whole Tree Chips & Residues	
Region	Conifer	Hardwood	Conifer	Hardwood
Origin - Manitoba				
Northwestern	132,629	--	--	--
TOTALS	132,629	--	--	--
Origin - Quebec				
Northern	--	665	18,792	--
Northeastern	--	3,105	88	23,361
Algonquin	102,241	12,325	--	--
Eastern	368	75,504	--	46,411
TOTALS	102,609	91,599	18,880	69,772
Origin - U.S.A.				
Northwestern	23,366	--	101	--
North Central	69,450	28,962	43,219	--
Northeastern	41,414	41,771	--	--
Algonquin	218	6,100	--	--
Eastern	5,875	244,109	--	8,319
Central	--	11,684	--	--
Southwestern	543	33,394	--	--
TOTALS	140,866	366,020	43,320	8,319

SHIPMENTS OUT OF ONTARIO FROM CROWN LANDS, 1988

(cubic metres, solid wood equivalent)

	Roundwood		Whole Tree Chips & Residues	
Region	Conifer	Hardwood	Conifer	Hardwood
Destination - Quebec				
Northern	128,800	23,737	266,945	44,870
Northeastern	31,140	24,693	28,212	--
Algonquin	995	23,284	137,350	72,541
Eastern	1,653	10,190	--	--
TOTALS	162,668	81,904	432,507	117,411
Destination - U.S.A.				
Northwestern	--	--	86,281	86,280
North Central	--	--	1,082	1,082
Northern	--	--	32,240	--
Northeastern	--	--	40,447	8,933
TOTALS	--	--	160,050	96,295

SHIPMENTS OUT OF ONTARIO FROM PATENT LANDS, 1988

(cubic metres, solid wood equivalent)

	Roundwood		Whole Tree Chips & Residues	
Region	Conifer	Hardwood	Conifer	Hardwood
Destination - Quebec				
Northern	6,170	372	--	--
Northeastern	7,105	8,805	--	--
Algonquin	11,002	23,190	180,278	74,620
Eastern	51	3,822	15,296	4,821
TOTALS	24,328	36,189	195,574	79,441
Destination - U.S.A.				
Northern	--	--	17,285	--
Northeastern	--	316	13,917	1,938
Central	--	--	--	4,016
Southwestern	--	--	4,873	150
TOTALS	--	316	36,075	6,104
Destination - Other Countries				
Northeastern	--	23	--	--
TOTALS	--	23	--	--

SHIPMENTS INTO ONTARIO

HISTORICAL SUMMARY, 1983 - 1988

(thousands of cubic metres)

Roundwood

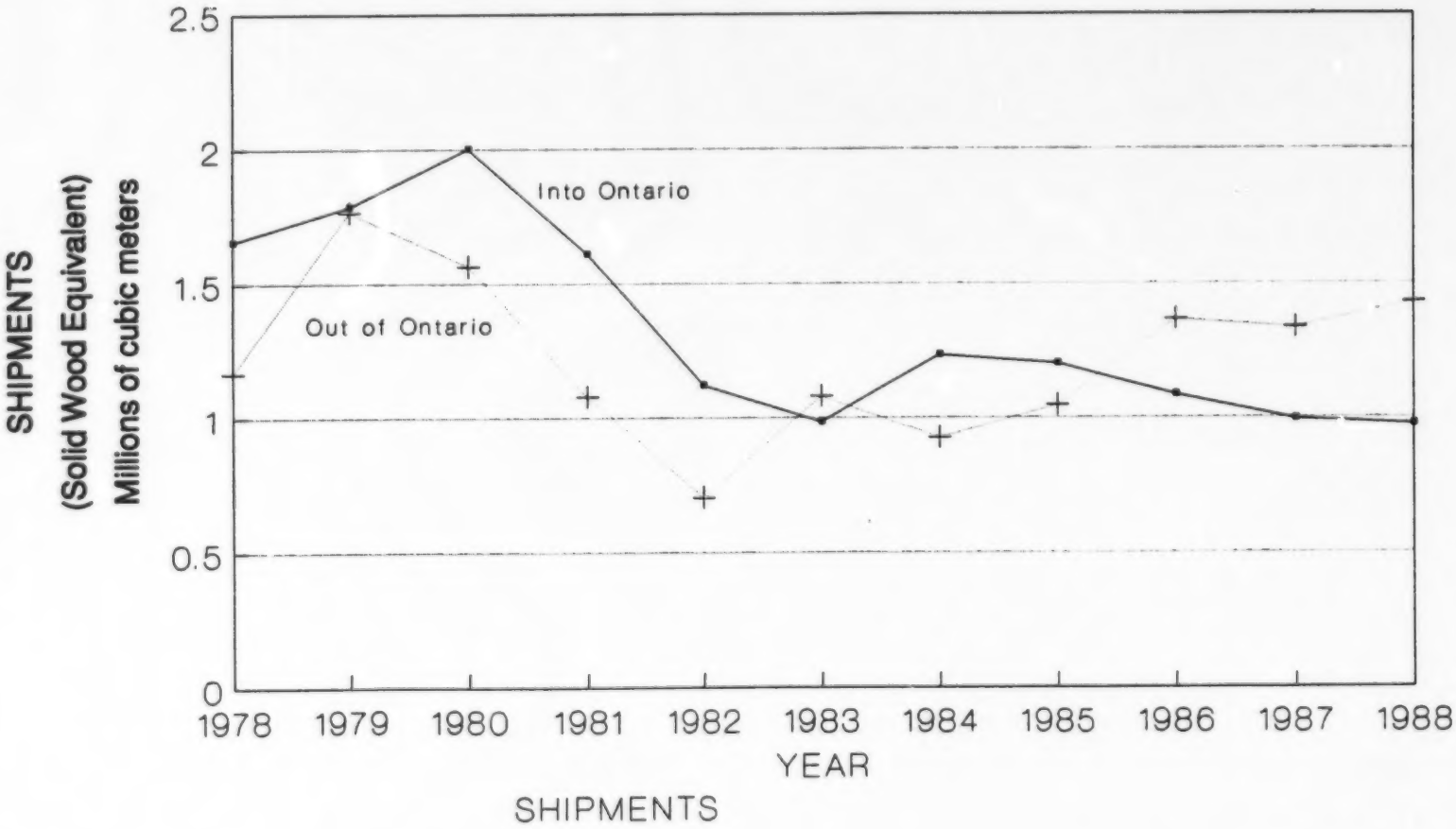
Origin	1983	1984	1985	1986	1987	1988	Millions of cubic feet, 1988
Manitoba	199.99	145.38	131.49	149.69	127.32	132.63	4.69
Quebec	135.06	239.86	292.77	287.73	239.31	194.21	6.87
Other Can. Provs.	0.17	—	1.84	1.97	—	—	—
U.S.A.	572.35	762.03	699.90	546.40	541.35	506.89	17.92
Other Countries	0.04	0.05	1.69	0.05	—	—	—
TOTALS	907.61	1,147.32	1,127.69	985.84	907.98	833.73	29.48

Whole Tree Chips & Residues

Origin	1983	1984	1985	1986	1987	1988	Millions of cubic feet, 1988
Quebec	49.60	56.76	54.79	50.61	44.58	88.65	3.13
U.S.A.	25.39	28.77	20.24	46.34	41.69	51.64	1.83
TOTALS	74.99	85.53	74.83	96.95	86.27	140.29	4.96

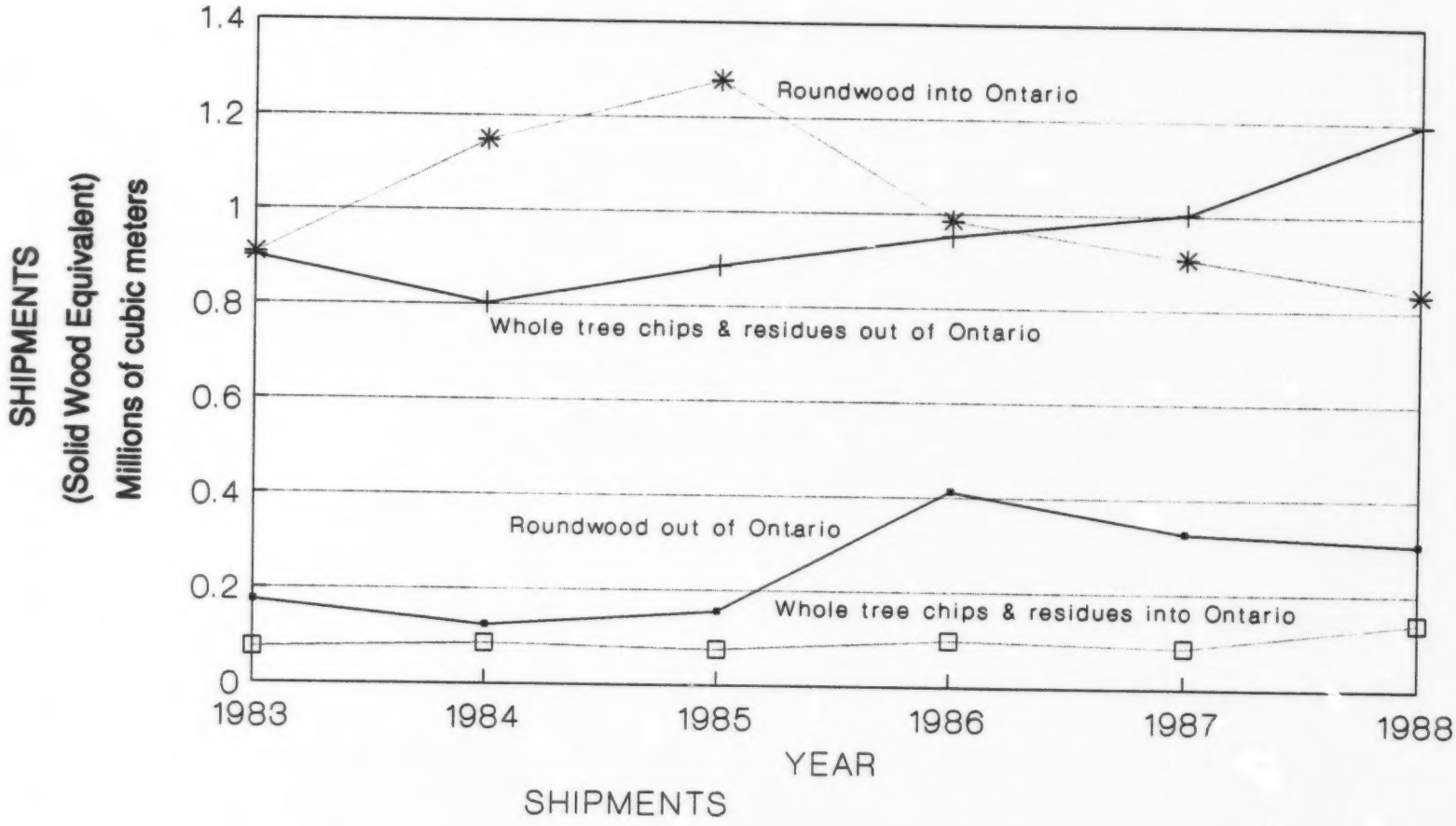
1978 - 88

ONTARIO INTERPROVINCIAL AND INTERNATIONAL WOOD SHIPMENTS
Total Wood



1983 - 88

ONTARIO INTERPROVINCIAL AND INTERNATIONAL WOOD SHIPMENTS
Roundwood & Whole Tree Chips & Residues



ONTARIO EXPORTS OF FOREST PRODUCTS, 1985-88
(thousands of dollars)

Commodity	1985	1985 Ontario as % of Canada	1986	1986 Ontario as % of Canada	1987	1987 Ontario as % of Canada	1988
Logs and Bolts	885.7	0.5	2,167.7	1.1	3,530.1	1.1	5,158
Round Timber	903.6	5.8	952.6	7.0	2,168.5	9.3	1,243
Pulpwood	12.2	0.1	376.2	3.0	548.8	2.5	516
Pulpwood Chips	1,173.1	1.4	2,318.3	3.0	1,298.7	1.8	1,414
Other Crude Wood Materials	868.9	3.8	858.2	3.6	864.5	3.1	6,307
Lumber and Timbers	885,083.5	19.1	895,245.4	17.9	715,689.0	12.1	552,520
Railway Ties	890.8	16.3	357.7	7.2	666.5	9.7	104
Other Sawmill Prod	3,453.1	1.2	2,544.5	0.9	3,927.5	1.6	7,594
Millwork	31,325.9	19.8	46,338.2	21.7	49,653.0	17.5	91,395
Veneer	48,687.7	49.0	58,187.4	49.3	64,096.3	46.4	63,836
Plywood	18,125.6	12.1	18,810.5	15.4	18,551.2	14.1	17,869
Other Fabricated Wood Materials	141,115.6	47.1	118,849.3	42.4	94,799.3	32.8	111,791
Wood Pulp and Similar Pulp	501,302.2	14.7	542,668.3	13.3	700,740.2	12.8	877,500
Paper for Printing	1,431,158.0	24.1	1,425,759.6	22.7	1,596,859.4	23.1	1,951,426
Fine Paper	63,335.9	54.3	45,069.2	43.9	41,471.4	35.2	16,351
Tissue and Sanitary Paper	26,915.0	50.5	24,003.1	43.7	24,478.7	34.7	49,116
Wrapping Paper	25,869.3	20.6	23,778.5	14.0	33,519.1	15.8	8,309
Paperboard	26,321.5	13.1	33,046.7	12.0	41,061.7	13.6	23,601
Building Paper, Building Board and Machine Board	63,557.5	41.7	70,278.0	43.9	66,714.4	42.9	75,278
Converted Paper	85,268.5	72.6	133,628.0	78.1	154,115.7	71.6	184,748
SUBTOTAL Forest Products	3,356,253.6	21.0	3,445,237.4	19.5	3,614,754.0	17.3	4,046,526
<u>Selected Commodities</u>							
Furniture and Fixtures	480,693.2	70.9	567,598.4	69.6	578,648.5	65.6	749,639
Toys, Games. Sporting and Recreational Equipment	92,894.7	47.6	95,352.8	44.5	102,859.8	48.7	229,644
Printed Matter	264,369.8	51.8	322,656.1	51.0	332,387.9	52.5	298,115
Stationers' and Office Supplies & Artists' Material	44,132.9	61.2	52,112.6	60.6	74,914.0	61.7	157,159
TOTAL ALL EXPORTS	59,382,297.2	49.8	62,593,093.9	51.9	61,043,751.4	48.8	5,481,603

Note: Exports include Domestic and Re-exports

Source: Ontario Ministry of Industry, Trade and Technology; Statistics Canada, Exports by Conmodity.

ONTARIO EXPORTS OF FOREST PRODUCTS, 1984-87
(volume)

Commodity	Units	1985	1985 Ontario as % of Canada	1986	1986 Ontario as % of Canada	1987	1987 Ontario as % of Canada	1988 Units	1988
Logs and Bolts	Mbf	1,273	0.2	3,387	0.6	6,959	0.9	MTQ	42,987
Round Timber	ft.(l)	11,024	0.4	10,695	0.5	10,519	0.3	MTR	208,914
Pulpwood	cord	185	0.1	5,441	2.2	5,035	1.4	MTQ	14,984
Pulpwood Chips	ton	17,381	1.4	35,645	3.2	20,635	2.1	TNE	19,135
Other Crude Wood Materials		(2)		(2)		(2)			(2)
Lumber and Timbers	Mbf	3,024,657	10.2	2,915,643	18.0	2,304,274	13.0	MTQ	4,708,539
Railway Ties	no.	217,621	25.2	60,654	8.9	162,294	11.2	NMB	16,177
Other Sawmill Products		(2)		(2)		(2)			(2)
Millwork		(2)		(2)		(2)			(2)
Veneer	sq.ft.	571,621,694	49.0	598,802,799	49.2	600,935,103	43.4	MTK	55,977,012
Plywood(3)	sq.ft.	58,419,974	10.3	64,607,183	15.8	61,651,214	11.0	MTQ	38,931
Other Fabricated Wood Materials		(2)		(2)		(2)			(2)
Wood Pulp and Similar Pulp	cwt	20,466,035	13.2	21,952,258	13.1	22,823,398	12.9	KSD	1,107,405,133
Paper for Printing	cwt	45,652,293	23.2	45,454,549	22.1	49,039,190	22.6	TNE	2,624,398
Fine Paper	cwt	1,476,218	55.4	935,050	42.9	877,474	33.6	TNE	34,092
Tissue and Sanitary Paper	cwt	543,517	46.1	435,131	38.0	425,336	30.2	TNE	38,589
Wrapping Paper	cwt	426,320	9.2	390,049	6.7	511,758	7.7	TNE	5,522
Paperboard	cwt	1,238,574	11.4	1,516,829	11.3	1,798,789	13.1	TNE	41,652
Building Paper Building Board and Machine Board (4)	cwt	4,981,705	51.9	5,928,750	56.0	5,988,180	56.3	KGM	10,211,476
Converted Paper	cwt	450,070	64.8	819,297	75.5	970,813	65.0		----------

(1) Does not include fence posts and poles of wood N.E.S. . because units are # of posts.
(2) Due to different measurement units within this category, it is non-additive.
(3) Plywood volume is sq. ft. $^{1}/_{4}$" basis.
(4) Does not include ashphalt shingles.

Note: Exports include Domestic and Re-exports.
Source: Ontario Ministry of Industry, Trade and Technology; Statistics Canada, Exports by Commodity.

ONTARIO IMPORTS OF FOREST PRODUCTS, 1984-87
(thousands of dollars)

Commodity	1985	1985 Ontario as % of Canada	1986	1986 Ontario as % of Canada	1987	1987 Ontario as % of Canada	1988
Logs and Bolts	14,357.2	10.8	22,271.6	14.7	24,389.9	17.1	31,789
Round Timber	6,319.9	36.9	4,938.6	33.4	5,245.8	39.1	9,721
Pulpwood	9,888.1	59.9	7,269.7	25.8	6,430.0	28.8	3,690
Pulpwood Chips	229.4	2.6	233.2	1.0	269.9	4.2	932
Other Crude Wood Materials	824.0	11.9	847.4	11.0	1,020.6	11.6	3,024
Lumber and Timbers	122,234.2	43.5	168,190.9	46.7	215,116.2	50.7	260,011
Railway Ties	3,614.8	32.5	2,540.2	39.6	1,044.1	27.7	1,637
Other Sawmill Prod.	8,409.1	48.7	9,952.8	55.2	10,301.7	54.3	1,702
Millwork	40,884.1	53.3	54,365.0	56.3	80,020.5	57.9	103,614
Veneer	13,082.5	35.9	15,163.0	37.7	19,692.0	44.0	24,701
Plywood	14,698.1	34.5	29,105.5	40.6	40,943.8	44.6	41,268
Other Fabricated Wood Materials	31,712.5	41.4	35,270.6	40.5	39,557.8	41.4	106,650
Wood Pulp and Similar Pulp	68,769.4	52.2	62,275.6	45.0	57,694.5	40.4	48,525
Paper for Printing	93,970.8	50.1	120,682.7	53.5	129,516.0	52.6	293,705
Fine Paper	93,952.6	59.1	109,259.4	63.7	132,235.7	66.8	108,302
Tissue and Sanitary Paper	17,636.3	46.0	19,116.4	47.9	22,955.4	53.1	36,448
Wrapping Paper	21,200.0	52.0	19,366.3	51.6	24,527.6	57.8	61,130
Paperboard	78,283.3	58.1	106,981.3	66.9	118,056.5	65.8	77,458
Building Paper, Building Board and Machine Board	18,911.0	45.2	21,830.2	43.9	26,857.5	46.4	71,929
Converted Paper	135,425.6	67.9	157,571.2	67.9	155,219.5	65.7	189,033
SUBTOTAL Forest Products	797,322.1	47.9	972,258.9	49.4	1,115,541.1	51.4	1,420,859
<u>Selected Commodoties</u>							
Furniture and Fixtures	218,362.7	55.3	260,589.1	52.7	305,741.0	50.8	755,030
Toys, Games, Sporting and Recreational Equipment	309,319.6	57.0	411,143.1	59.0	483,475.9	57.7	1,410,252
Printed Matter	1,012,056.5	73.1	1,073,743.7	73.0	1,055,417.8	72.6	1,206,514
Stationers' and Office Supplies & Artists' Material	82,925.0	65.1	51,766.4	60.5	62,099.6	59.9	350,554
TOTAL ALL IMPORTS	65,894,823.0	62.8	72,153,897.4	64.0	73,561,425.5	63.4	5,143,209

Source: Ontario Ministry of Industry, Trade and Technology; Statistics Canada, Imports by Commodity.

ONTARIO IMPORTS OF FOREST PRODUCTS, 1984-87
(volume)

Commodity	Units	1985	1985 Ontario as % of Canada	1986	1986 Ontario as % of Canada	1987	1987 Ontario as % of Canada	1988 Units	1988
Logs and Bolts	Mbf	40,505	6.2	55,443	8.1	48,860	7.8	MTQ	127,368
Round Timber	ft.(3)	1,532,894	(3)36.6	1,264,543	(3)39.2	1,428,732	45.5	MTQ	476,599
Pulpwood	cord	148,881	62.8	112,107	35.1	108,092	35.0	MTQ	3,690
Pulpwood Chips	ton	5,726	3.3	5,955	1.3	6,564	5.5	TNE	26,970
Other Crude Wood Materials		(1)		(1)		(1)			(1)
Lumber and Timbers	Mbf	190,370	37.5	230,349	38.3	293,306	44.4	MTQ	644,091
Railway Ties	no.	237,668	32.2	135,666	40.0	60,256	31.6	NMB	82,388
Other Sawmill Products		(1)		(1)		(1)			(1)
Millwork		(1)		(1)		(1)			(1)
Veneer	sq.ft.	101,547,917	26.6	122,305,281	23.8	149,678,077	30.8	MTK	17,378,421
Plywood(2)	sq.ft.	60,647,495	35.3	134,284,140	42.2	183,692,198	48.1	MTQ	93,686
Other Fabricated Wood Materials		(1)		(1)		(1)			(1)
Wood Pulp and Similar Pulp	cwt	2,572,739	52.1	2,241,661	45.2	1,686,784	37.4	KSD	53,825,629
Paper for Printing	cwt	1,818,661	50.4	2,422,184	53.0	2,555,993	51.2	TNE	225,108
Fine Paper	cwt	1,102,594	53.9	1,286,722	59.1	1,474,099	61.9	TNE	107,266
Tissue and Sanitary Paper	cwt	142,881	48.6	196,867	57.1	221,789	54.0	TNE	23,053
Wrapping Paper	cwt	420,596	39.9	352,721	38.8	469,307	48.2	TNE	54,988
Paperboard	cwt	2,615,898	57.0	3,647,462	65.5	3,925,962	64.9	TNE	103,863
Building Paper, Building Board and Machine Board	cwt	482,820	35.0	604,062	35.3	797,317	36.7	KGM	41,794,722
Converted Paper	cwt	1,101,975	70.8	1,321,436	67.5	1,208,937	68.0		----------

(1) Due to different measurement units within this category, it is non-additive.
(2) Plywood volume is sq.ft. $^{1}/_{4}$" basis.
(3) In 1985, 1986 and 1987 does not include Bolts and Round Timber N.E.S. in this category, since it is non-additive.

Source: Ontario Ministry of Industry, Trade and Technology; Statistics Canada, Imports by Conmodity